

CLAIMS

*What is claimed is:*

- 1 1. A method for designing, implementing, and maintaining a development  
2 architecture framework comprising the steps of:
  - 3 (a) managing information that supports a project being carried out by a  
4 development architecture framework;
  - 5 (b) handling security of the development architecture framework by defining  
6 security requirements and auditing the development architecture framework  
7 to ensure that the security requirements are met;
  - 8 (c) ensuring quality of the project being carried out by the development  
9 architecture framework by obtaining measurements relating to predetermined  
10 criterion of the project, statistically analyzing the measurements, and training  
11 personnel based on the statistical analysis in order to improve the quality of  
12 the project;
  - 13 (d) managing the project being carried out by the development architecture  
14 framework by generating a plan to carry out the project, scheduling a  
15 timeline for executing the plan, tracking the execution of the plan, and  
16 reporting information uncovered during tracking;
  - 17 (e) governing an environment in which the project is carried out by the  
18 development architecture framework;
  - 19 (f) coordinating the delivery of components of the project in a selected order;
  - 20 (g) rectifying problems that occur during the delivery of the components of the  
21 project; and
  - 22 (h) maintaining updated support information during the delivery of the  
23 components of the project.
- 1 2. The method as set forth in claim 1, and further comprising the step of:  
2 providing productivity tools to create documents, spreadsheets, and  
3 graphics.

1 3. The method as set forth in claim 1, and further comprising the step of:  
2 providing collaboration tools for allowing communication among the  
3 personnel.

1 4. The method as set forth in claim 3, wherein the collaboration tools are  
2 selected from the group of collaboration tools including audio/video  
3 conferencing, electronic mail, group scheduling, shared workspaces, and  
4 shared databases.

1 5. The method as set forth in claim 1, and further comprising the step of:  
2 managing a process of completing the project by integrating parts of the  
3 process and assigning the parts of the process to the personnel.

1 6. The method as set forth in claim 1, wherein the step of managing the  
2 information includes at least one of repository management, folder  
3 management, object management, and media content management.

1 7. The method as set forth in claim 1, and further including the step of:  
2 providing system building tools selected from the group of system building  
3 tools including analysis and design tools, reverse engineering tools,  
4 component integration tools, construction tools, and test tools.

1 <sup>13</sup>~~8.~~ A computer program embodied on a computer readable medium for  
2 designing, implementing, and maintaining a development architecture  
3 framework comprising:  
4 (a) a code segment that manages information that supports a project being  
5 carried out by a development architecture framework;  
6 (b) a code segment that handles security of the development architecture  
7 framework by defining security requirements and auditing the development  
8 architecture framework to ensure that the security requirements are met;

- (c) a code segment that ensures quality of the project being carried out by the development architecture framework by obtaining measurements relating to predetermined criterion of the project, statistically analyzing the measurements, and training personnel based on the statistical analysis in order to improve the quality of the project;
- (d) a code segment that manages the project being carried out by the development architecture framework by generating a plan to carry out the project, scheduling a timeline for executing the plan, tracking the execution of the plan, and reporting information uncovered during tracking;
- (e) a code segment that governs an environment in which the project is carried out by the development architecture framework;
- (f) a code segment that coordinates the delivery of components of the project in a selected order;
- (g) a code segment that rectifies problems that occur during the delivery of the components of the project; and
- (h) a code segment that maintains updated support information during the delivery of the components of the project.

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9. The computer program as set forth in claim <sup>13</sup>8, and further comprising a code segment that provides productivity tools to create documents, spreadsheets, and graphics.

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10. The computer program as set forth in claim <sup>13</sup>8, and further comprising a code segment that provides collaboration tools for allowing communication among the personnel.

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11. The computer program as set forth in claim <sup>15</sup>10, wherein the collaboration tools are selected from the group of collaboration tools including audio/video conferencing, electronic mail, group scheduling, shared workspaces, and shared databases.

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1 The computer program as set forth in claim <sup>13</sup>8, and further comprising a code  
2 segment that manages a process of completing the project by integrating  
3 parts of the process and assigning the parts of the process to the personnel.

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1 The computer program as set forth in claim <sup>13</sup>8, wherein the code segment that  
2 manages the information includes at least one of repository management,  
3 folder management, object management, and media content management.

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1 The computer program as set forth in claim 1, and further including a code  
2 segment that provides system building tools selected from the group of  
3 system building tools including analysis and design tools, reverse  
4 engineering tools, component integration tools, construction tools, and test  
5 tools.

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1 A system for designing, implementing, and maintaining a development  
2 architecture framework comprising:

3 (a) logic for managing information that supports a project being carried out by a  
4 development architecture framework;

5 (b) logic for handling security of the development architecture framework by  
6 defining security requirements and auditing the development architecture  
7 framework to ensure that the security requirements are met;

8 (c) logic for ensuring quality of the project being carried out by the development  
9 architecture framework by obtaining measurements relating to predetermined  
10 criterion of the project, statistically analyzing the measurements, and training  
11 personnel based on the statistical analysis in order to improve the quality of  
12 the project;

13 (d) logic for managing the project being carried out by the development  
14 architecture framework by generating a plan to carry out the project,  
15 scheduling a timeline for executing the plan, tracking the execution of the  
16 plan, and reporting information uncovered during tracking;

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- 17 (e) logic for governing an environment in which the project is carried out by the
- 18 development architecture framework;
- 19 (f) logic for coordinating the delivery of components of the project in a selected
- 20 order;
- 21 (g) logic for rectifying problems that occur during the delivery of the
- 22 components of the project; and
- 23 (h) logic for maintaining updated support information during the delivery of the
- 24 components of the project.

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